L Number	Hits	Search Text	DB	Time_stamp
1	3	(pad with (al or aluminum)) and ((Tan or	USPAT;	2002/12/31 19:0
		(tantalum adj nitride)) near nm)	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	
2	51	((Tan or (tantalum adj nitride)) near nm)	USPAT; US-PGPUB; EPO; JPO;	2002/12/31 19:1
3	22	( ((Tan or (tantalum adj nitride)) near nm)) and (copper or cu)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/12/31 19:18
4	22	(( ((Tan or (tantalum adj nitride)) near nm)) and (copper or cu)) and (al or aluminum)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/12/31 19:12
5	53	((Tan or (tantalum adj nitride)) near (nm or angstrom))	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/12/31 19:17
6	24	( ((Tan or (tantalum adj nitride)) near (nm or angstrom))) and (copper or cu)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/12/31 19:18
7	2	<pre>(( ((Tan or (tantalum adj nitride)) near (nm or angstrom))) and (copper or cu)) not ((( ((Tan or (tantalum adj nitride)) near nm)) and (copper or cu)) and (al or aluminum))</pre>	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/12/31 19:20
8	167		IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/12/31 19:20
9	58	(ta/tan and (al or aluminum) and (cu or copper)) and (nm or angstrom)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/12/31 19:21
10	0	((ta/tan and (al or aluminum) and (cu or copper)) and (nm or angstrom)) and oad\$2	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/12/31 19:21
11	19	((ta/tan and (al or aluminum) and (cu or copper)) and (nm or angstrom)) and pad\$2	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/12/31 19:
12	86	(ta/tan and (al or aluminum) and (cu or copper)) and (@ad<20000327)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/12/31 1
13	26	((ta/tan and (al or aluminum) and (cu or copper)) and (@ad<20000327)) and (nm or angstrom)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/12/37
14		(((ta/tan and (al or aluminum) and (cu or copper)) and (@ad<20000327)) and (nm or angstrom) ) and ((tan or (tantalum adj	DERWENT;  IBM_TDB  USPAT;  US-PGPUB;  EPO; JPO;	2002/12
		nitride)) with (nm or angstrom))	DERWENT;	

L Number	Hits		DB	Time stamp
1	3	1 14 11 11 11 11 11 11 11 11 11 11 11 11	USPAT; US-PGPUB;	2002/12/31 19:05
		(tantalum adj nitride)) near nm)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
2	51	((Tan or (tantalum adj nitride)) near nm)	USPAT;	2002/12/31 19:17
			US-PGPUB;	1
			EPO; JPO;	
			DERWENT; IBM TDB	1
3	22	( ((Tan or (tantalum adj nitride)) near nm))	USPAT;	2002/12/31 19:18
		and (copper or cu)	US-PGPUB;	2002, 22, 32 2, 120
			EPO; JPO;	
)			DERWENT;	
l			IBM_TDB	0000/10/01 10 10
4	22	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `	USPAT;	2002/12/31 19:12
		nm)) and (copper or cu)) and (al or aluminum)	US-PGPUB; EPO; JPO;	
		a cuminanty	DERWENT;	
			IBM_TDB	
5	53	((Tan or (tantalum adj nitride)) near (nm	USPAT;	2002/12/31 19:17
		or angstrom))	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
6	24	( ((Tan or (tantalum adj nitride)) near (nm	USPAT;	2002/12/31 19:18
		or angstrom))) and (copper or cu)	US-PGPUB;	
		-	EPO; JPO;	
			DERWENT;	ļ
		// //man and /hantallum and mitual day) and and	IBM_TDB	0000/10/01 10 00
7	2	<pre>(( ((Tan or (tantalum adj nitride)) near (nm or angstrom))) and (copper or cu)) not (((</pre>	USPAT; US-PGPUB;	2002/12/31 19:20
		((Tan or (tantalum adj nitride)) near nm))	EPO; JPO;	
		and (copper or cu)) and (al or aluminum))	DERWENT;	
			IBM_TDB	
8	167	ta/tan and (al or aluminum) and (cu or	USPAT;	2002/12/31 19:20
		copper)	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
9	58	(ta/tan and (al or aluminum) and (cu or	USPAT;	2002/12/31 19:21
		copper)) and (nm or angstrom)	US-PGPUB;	ĺ
			EPO; JPO;	-
			DERWENT; IBM TDB	
10	0	((ta/tan and (al or aluminum) and (cu or	USPAT;	2002/12/31 19:21
		copper)) and (nm or angstrom)) and oad\$2	US-PGPUB;	,
			EPO; JPO;	}
			DERWENT;	
11	19	((ta/tan and (al or aluminum) and (cu or	IBM_TDB USPAT;	2002/12/31 19:21
T.T.	19	((ta/tan and (al or aluminum) and (cu or copper)) and (nm or angstrom)) and pad\$2	USPAI; US-PGPUB;	2002/12/31 19:21
		ooppor,, and the or anglorom,, and padyz	EPO; JPO;	
Ì			DERWENT;	
			IBM_TDB	
12	86	(ta/tan and (al or aluminum) and (cu or	USPAT;	2002/12/31 19:24
		copper)) and (@ad<20000327)	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
13	26	((ta/tan and (al or aluminum) and (cu or	USPAT;	2002/12/31 19:29
		copper)) and (@ad<20000327)) and (nm or	US-PGPUB;	
		angstrom)	EPO; JPO;	
			DERWENT;	
14	6	(((ta/tan and (al or aluminum) and (cu or	IBM_TDB USPAT;	2002/12/31 19:45
_ 1	3	copper)) and (@ad<20000327)) and (nm or	US-PGPUB;	2002/12/31 13:45
		angstrom) ) and ((tan or (tantalum adj	EPO; JPO;	
1		nitride)) with (nm or angstrom))	DERWENT;	
		(10000000000000000000000000000000000000	IBM_TDB	
15	1	("20020053745").PN.	US-PGPUB	2002/12/31 19:38

15 1 ("20020053745").PN.

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1				
18   0   (tan or tantalum) near "4nm"   US-PGPUB; BPO; JPO; DERMENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM, TDB USPAT; US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J	16	1	("20020053746").PN.	US-PGPUB 2002/12/31 19:38
BEPO, JPO; DERMENT; IBM TDB   DERMENT   DERM	17	1	(tan or tantalum) near "5nm"	
DERMENT;   IBM TDB   USPAT;   US-PGPUB;   EPO; JPO;   DERWENT;   IBM TDB   USPAT;		1		-
18	(			
18				
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT   IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT, US-PGPUB; EPO; JPO; DERWENT, US-PGPUB; EPO; JPO; DERWENT, IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT, IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PG				_
Pop	18	0	(tan or tantalum) near "4nm"	
DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US				
19				
19	1			·
US-PGPUB;   BPO; DOF, DERWENT;   IBM TDB   USPAT;   USPGPUB;   BPO; DOF, DERWENT;   IBM TDB   USPAT;	1.0		//	I — i
EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; USP	19	0	(tan or tantalum) near "3nm"	
DERMENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				
IBM_TDB	ĺ			
20				
US-PGPUB; EPO; JPO; DERWENT; IBM TDB US-PGPUB; E			(1	
EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; I	20	0	(tan or tantalum) near "2nm"	
DERWENT;   IBM_TDB   USPAT;   US-PGPUB;   EPO; JPO;   DERWENT;   US-PGPUB;   EPO;   DERWENT;   US-PGPUB;   EPO; JPO;   DERWENT;   US-PGPUB;   EPO;   DER				
18M_TDB   18M_		ĺ		
21				
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; J				
EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO	21	0	(tan or tantalum) near "inm"	, , , , , , , , , , , , , , , , , , , ,
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;				
121765   (tan or tantalum) with. "lnm"   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; DERWENT; USPAT; USPAT				
121765   (tan or tantalum) with. "lnm"   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; D				
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;		10155	(1 - 1 - 7 ) (1 - 1 - 1 - 1	
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGPUB; US-PGPUB;	22	121765	(tan or tantalum) with. "Inm"	, , , , , , , , , , , , , , , , , , , ,
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGPUB;				· · · · · · · · · · · · · · · · · · ·
1 (tan or tantalum) with "1nm"  1 (tan or tantalum) with "1nm"  2 (tan or tantalum) with "2nm"  2 (tan or tantalum) with "2nm"  2 (tan or tantalum) with "3nm"  2 (tan or tantalum) with "3nm"  2 (tan or tantalum) with "3nm"  2 (tan or tantalum) with "4nm"  2 (tan or tantalum) with "4nm"  3 (tan or tantalum) with "4nm"  4 (tan or tantalum) with "4nm"  5 (tan or tantalum) with "4nm"  6 (tan or tantalum) with "4nm"  7 (tan or tantalum) with "4nm"  8 (tan or tantalum) with "4nm"  9 (tan or tantalum) with "4nm"  1 (tan or tantalum) with "4nm"	1			
1 (tan or tantalum) with "lnm"  USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGPUB;				
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	22		(to to t	
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB;	23	1	(tan or tantalum) with "inm"	, , , , , , , , , , , , , , , , , , , ,
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; US-PGPUB; US-PGPUB;				, ,
24 2 (tan or tantalum) with "2nm" USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB;		Í		·
24 2 (tan or tantalum) with "2nm" USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB;		)		· · · · · · · · · · · · · · · · · · ·
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; US-PGPUB; US-PGPUB;	24	2	/ton an tontalum) with Homell	
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	24	4	(can or cancarum) with "211m"	
DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; US-PGPUB;	1			
25 4 (tan or tantalum) with "3nm" USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; USPAT; USPAT; USPAT; US-PGPUB;		) i		
25 4 (tan or tantalum) with "3nm" USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB;				· · · · · · · · · · · · · · · · · · ·
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	25		(tan or tantalum) with "3pm"	
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	= 3	4	(can or cancaram) with sim	1
DERWENT; IBM_TDB USPAT; US-PGPUB;		Ì		· ,
26 0 (tan or tantalum) with "4nm"   IBM_TDB   USPAT; US-PGPUB;   US-PGPUB;				i i i i
0 (tan or tantalum) with "4nm" USPAT; 2002/12/31 19 US-PGPUB;		<u> </u>		
US-PGPUB;	26	ا م ا	(tan or tantalum) with "4nm"	
	===		, John St Carrottam, Witti IIIm	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		[		EPO; JPO;
DERWENT;		}		The state of the s
IBM TDB		]		
	27	ا ما	(tan or tantalum) with "4nm"	
US-PGPUB;	'			
EPO; JPO;				· I
DERWENT;				· · ·
IBM TDB				

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